Peak District National Park

Forecast valid from 00:00 on Friday 15 Apr 2022 until 23:59 on Saturday 16 Apr 2022

Forecast Issued on Thursday 14 Apr 2022 at 15:27

Confidence: High for generally settled conditions for much of the weekend. Uncertainty regarding extent of fog or low cloud and the timing of rain from Monday onwards.

Headline for Friday 15 Apr 2022: Fine and largely dry with sunny spells after morning fog clears. Chance of afternoon showers.

Mountain weather hazards on Friday 15 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
		MIST					
Partly cloudy (night)	Partly cloudy (night)	Mist	Sunny	Sunny intervals	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	30%	30%	<05%

Forecast for Friday 15 Apr 2022

Weather: Any low cloud and valley fog that formed overnight will gradually lift and break to leave a bright morning with warm sunny spells. Fair weather cloud will bubble up during the afternoon, with an increasing risk of isolated showers into the early evening. Low cloud and fog is expected to form readily overnight into Saturday.

Chance of cloud-free hill tops above 600m: 60% becoming 90% by mid-morning.

Low cloud and visibility: Fog or cloud on lower slopes and in valley bottoms lifting and dispersing through the morning. Any mist or haziness clearing to give generally good visibility by the afternoon, though temporarily deteriorating to moderate in any showers.

Forecast for Friday 15 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 S	8/10 S	10/13 SE	10/15 S	12/18 S	12/18 S	9/14 S	7/10 S	9/12 SE
300	6/9 S	4/6 SE	5/9 SE	9/13 S	11/17 S	10/16 S	6/10 S	5/8 S	5/8 S
Valley	4/9 SE	5/7 E	5/9 E	6/11 S	9/18 S	9/17 S	4/11 SW	4/7 SE	4/8 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	9/7	9/7	10/8	12/10	13/11	12/10	9/8	9/6
300	11/10	10/10	10/9	13/11	15/13	16/14	14/14	11/10	10/9
Valley	10/10	10/9	10/9	14/13	16/14	17/15	15/14	12/12	11/10
Freezing Level*	1900m	2000m	1900m	1900m	2000m	2100m	2100m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to High UV levels likely during the day despite higher cloud at times, sun protection is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 13 Apr 2022	0mm	0mm	0.2mm

Forecast for Saturday 16 Apr 2022

Weather: A widely cloudy start with potentially extensive valley fog and low cloud. Some patchy light rain likely early in the day, otherwise dry. Gradually brightening up, with spells of hazy sunshine throughout the afternoon.

Maximum wind: Southerly 10-15mph, gusting 20-25mph on summits.

Chance of cloud-free hill tops above 600m: 40% soon improving to 90%.

Low cloud and visibility: Patches of fog and cloud on mainly lower elevations and west facing slopes, gradually dispersing through the morning. Good visibility otherwise

Temperature: **Valleys:** Plus 9 Celsius rising to Plus 17 Celsius.
At 600m: Plus 6 Celsius rising to Plus 14 Celsius.
Freezing level: Above summits.